

Figures

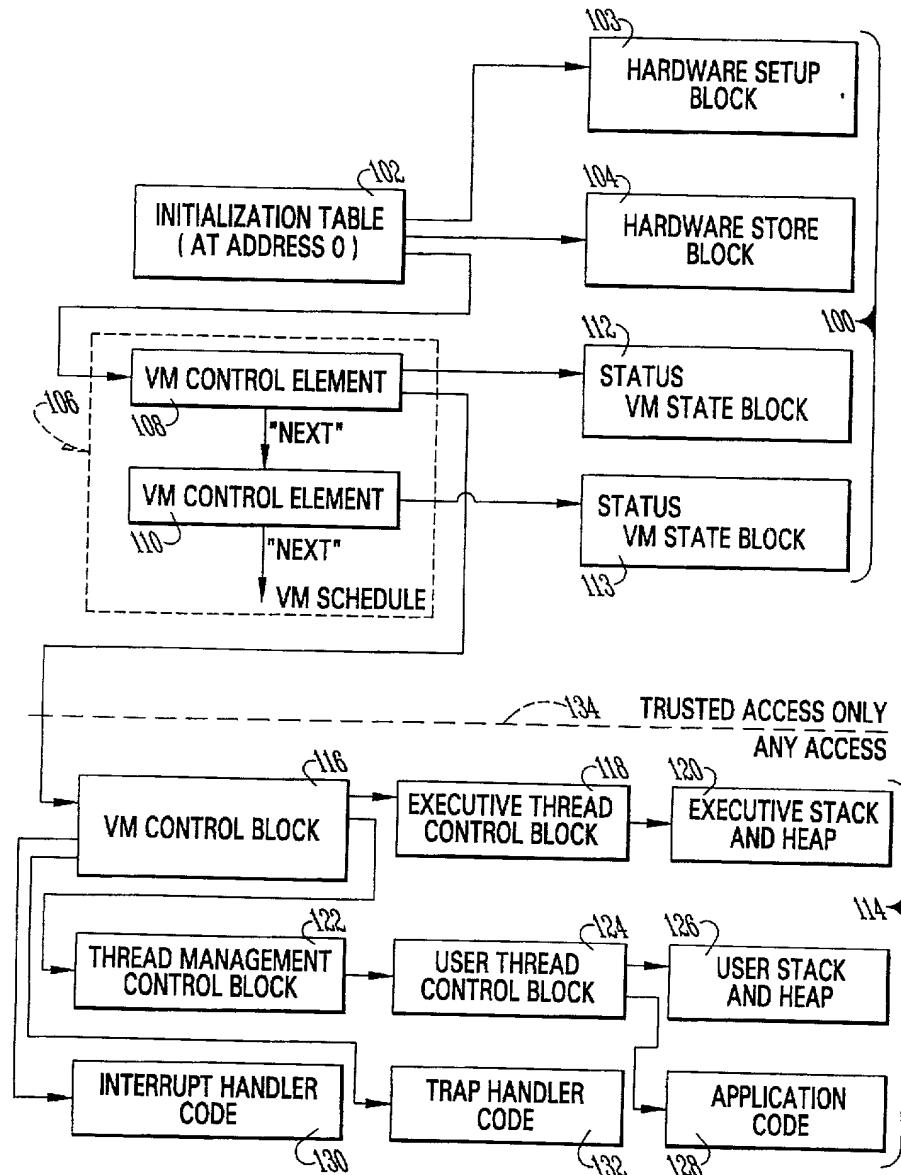


FIG.1

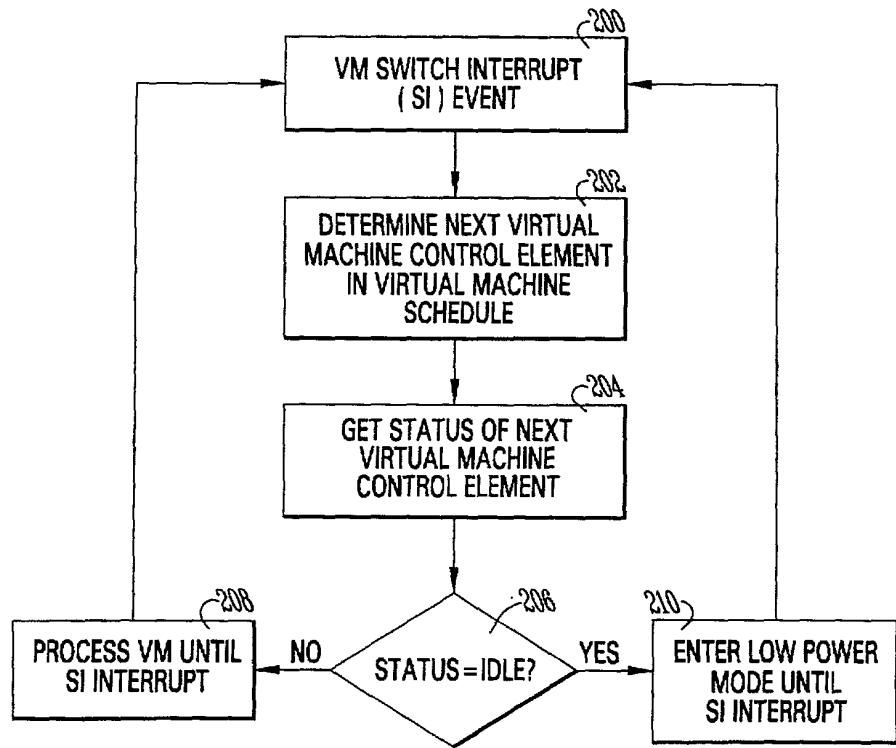


FIG.2

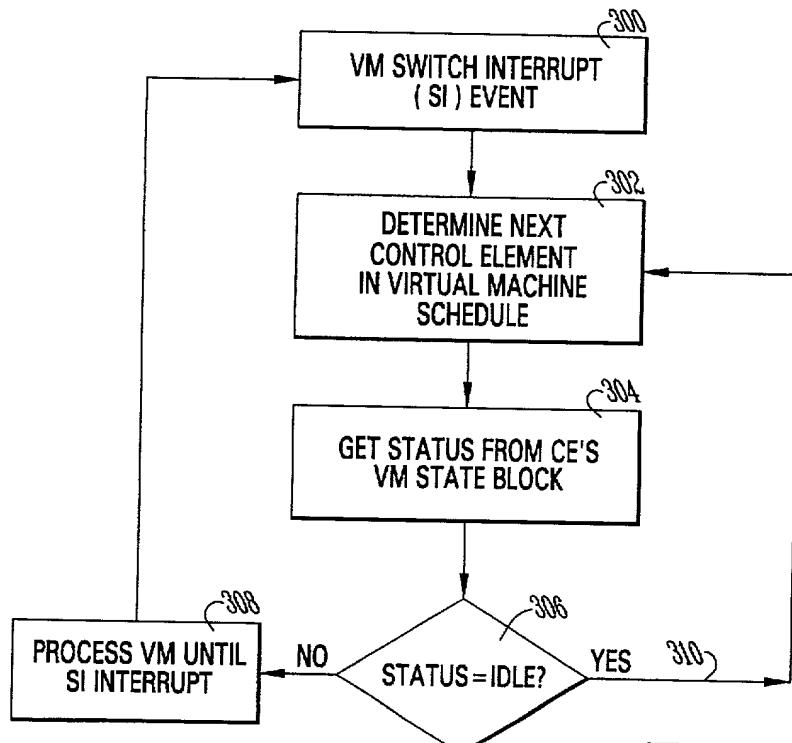


FIG.3

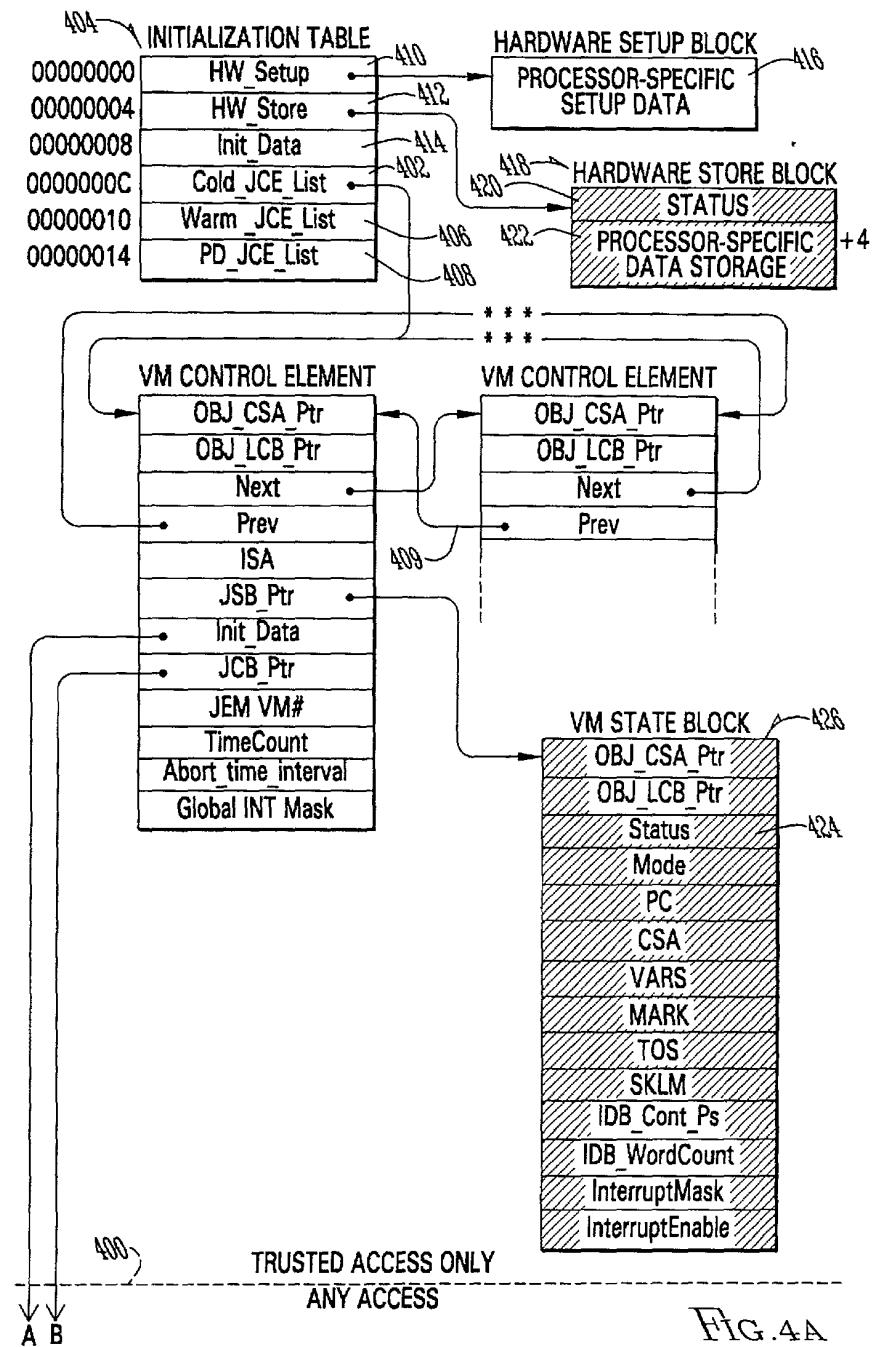


FIG.4A

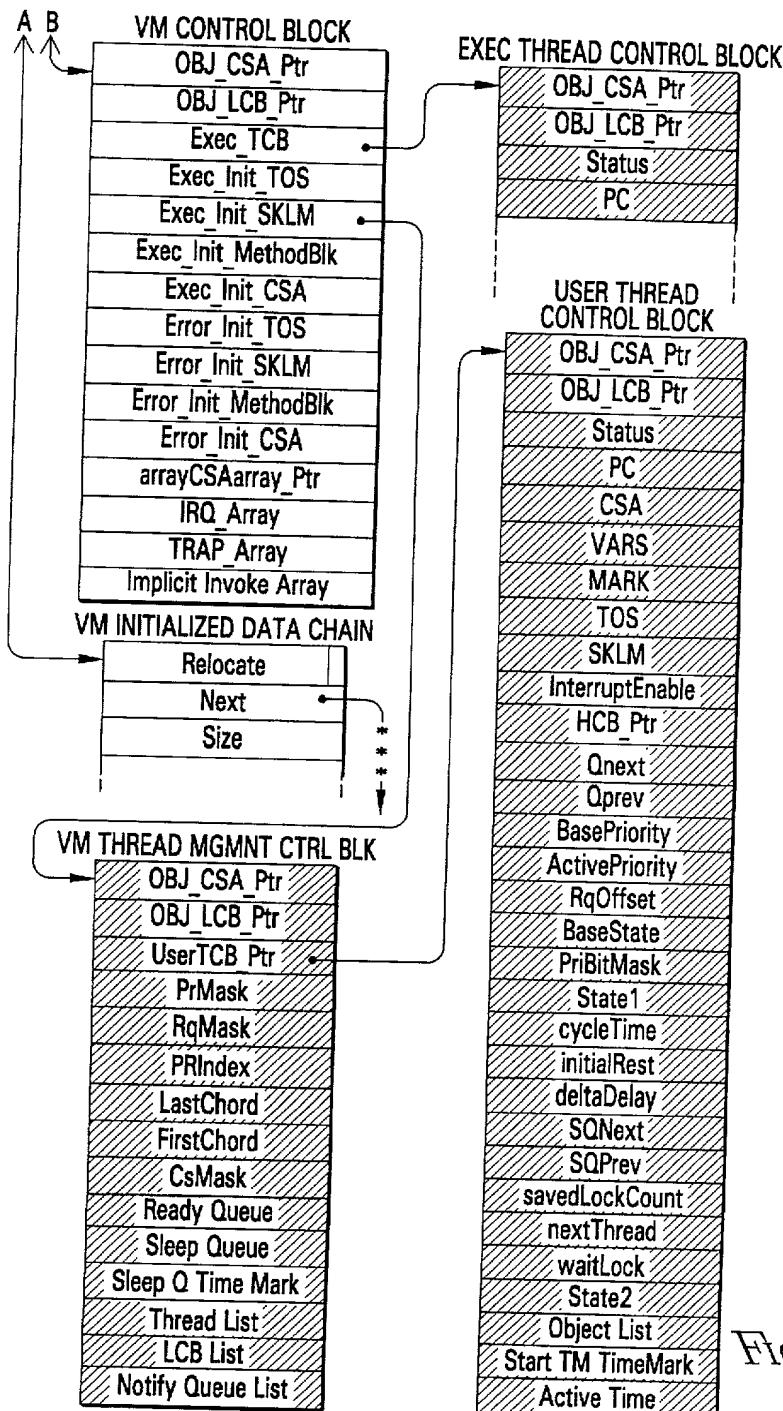


FIG. 4B

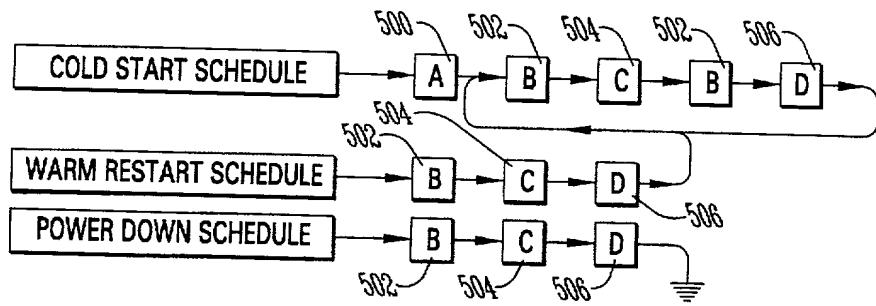


FIG.5

Code	Mnemonic	HW Store	JSB	Description
0xFFFFFFF	Continue	✓	✓	continue
0x0	Init	✓	✓	copy IDBs and initialize partition (initialization value)
0x1	PDEcho	✓	✓	power down interrupt received during normal execution
0x2	PDDone	✓	✓	halt instruction executed in power down handler
0x3	Initidle	✓	✓	power down interrupt received during IDB copy
0x10	BISTFailure	✓		BIST failure
0x11	NullHWSsetup	✓		null HW _Setup pointer
0x12	NullDBList	✓		null Init _Data pointer
0x13	EndofSchedule	✓		end of schedule error
0x14	CorruptDB	✓		invalid Initialized Data Block
0x20	NullV/M	✓		VM has not been loaded
0x21	Time Violation	✓		partition time limit exceeded
0x22	Space Violation	✓		partition space restrictions exceeded
0x23	PDError	✓		multiple power down interrupts received
0x24	WSError	✓		power down handler did not complete successfully
0x25	VirtualMachineError	✓		VM execution error (For ex: VM resources exhausted)
0x40	MemTestFail	✓		initial memory test failure
0x4X		✓		processor specific errors
other		✓		reserved

FIG.6

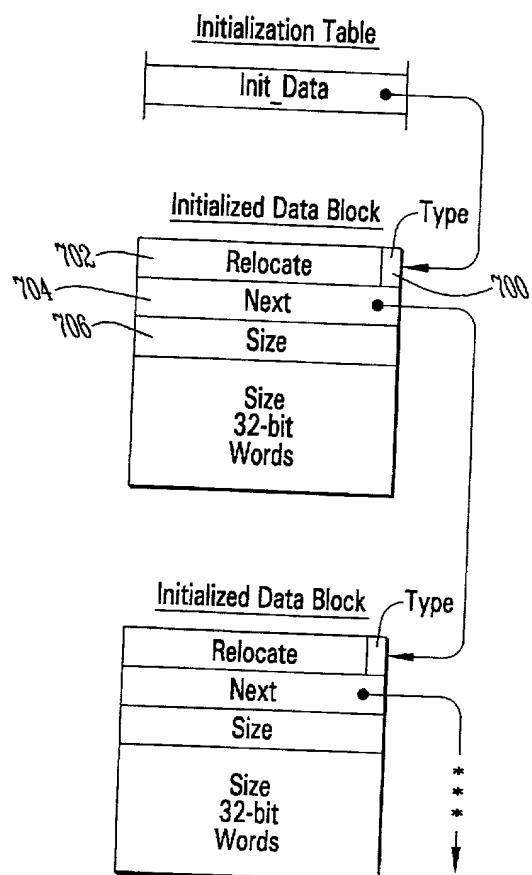


FIG. 7